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MONTANA OIL AND GAS STATISTICAL BULLETIN

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Vol. XXIV, No. 12 **DECEMBER, 1975**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of December, 1975, averaged 89,504 barrels daily, a decrease of 284 barrels from the average 89,788 production in November.

The seven refineries in the state processed 127,313 barrels of crude oil daily for the month of December 1975, a decrease of 12,068 barrels from the 139,381 barrels processed daily during the month of November.

During December 57 wells were completed, 8 oil, 21 gas, and 28 dry holes.

During December the Board issued 50 permits to drill new wells, a decrease of 22 from the 72 permits issued during November.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC. IN MONTANA

MONTH OF DECEMBER, 1975

IN STORAGE DECEMBER 1st	
By Producers	361,166
By Transporters	1,232,755
By Refiners	767,993
TOTAL STORAGE	2,361,914
Produced in Montana During Month	2,774,611
Imported During Month	3,173,592
TOTAL	8,310,117
DISPOSITION:	
Refined in Montana	3,946,690
Exported	1,690,920
Used for Fuel or Lost	6,793
TOTAL	5,644,403
IN STORAGE DECEMBER 31st	
By Producers	325,804
By Transporters	1,339,123
By Refiners	1,000,787
TOTAL STORAGE	2,665,714

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NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA

Month of December, 1975

Field	M. C. Ft.
NATURAL:	
Bear's Den	1,825
Big Coulee	145,721
Black Coulee	8,036
Blackjack	36,365
Bowdoin	447,978
Bowes	105,043
Brown's Coulee	3,761
Cedar Creek	160,505
Canadian Coulee	121,417
Coal Coulee	24,058
Cut Bank (including Reagan)	483,521
Dry Creek	67,932
Ethridge	9,132
Flat Coulee	19,980
Gold Butte	— 0 —
Hardin	1,369
Keith Block	101,465
Kevin Sunburst	51,175
Kicking Horse	33,459
Lake Basin	70,087
Liscom Creek	29,775
Middle Butte	1,916
Middle Dry Creek	4,657
Mt. Lilly	28,135
North Clark Fork	5,015
Plevna	5,211
Pumpkin Coulee	90,407
Rapelje	64,157
Sherard	166,552
Strawberry Creek	16,836
South Clark Fork	12
South Devon	16,146
Tiger Ridge	1,437,708
Timber Creek	— 0 —
Trail Creek	12,705
Utopia	63,697
West Butte	97,592
Whitlash	85,742
ASSOCIATED:	
Bell Creek	37,964
Cabin Creek	46,076
Elk Basin	23,110
Fairview	(893)
Glendive	850
Pine	41,735
Richland	43,643
Tule Creek	2,316
TOTAL	4,213,893

Total withdrawals for December, 1974 were 6,189,633 MCF.

PRODUCERS REPORT—MONTH OF DECEMBER, 1975

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	642	748	----	966	----	424
1	Bainville	1	2,409	151	----	----	----	2,560
4	Bear's Den	5	1,161	744	----	463	----	1,442
15	Bell Creek	190	16,108	721,674	722,592	----	----	15,190
....	Benrud	----	223	----	----	----	----	223
3	Benrud East	3	2,010	5,568	----	9,690	----	1,888
1	Benrud Northeast	1	918	1,292	----	1,725	----	485
1	Berthelote	1	344	95	215	----	----	224
3	Big Muddy Creek	3	3,544	32,236	33,388	----	----	2,392
5	Big Wall	14	745	5,849	5,561	----	----	1,033
5	Blackfoot	6	898	2,129	2,623	----	----	404
3	Border	8	2,761	1,096	----	1,163	----	2,694
1	Bowes	51	8,316	7,142	10,568	----	----	4,890
1	Bradley	1	334	487	614	----	----	207
4	Brorson-Madison	4	1,616	2,493	----	2,996	----	1,113
5	Brorson-Red River	5	5,718	5,940	----	5,566	----	6,092
3	Brorson-Red River South	3	2,170	6,860	----	7,390	----	1,640
5	Brush Lake	5	1,836	9,533	9,486	----	----	1,883
1	Burns Creek	1	510	1,182	----	1,428	----	264
2	Cabin Creek	83	----	159,723	159,723	----	----	----
1	Canal	1	458	1,725	----	1,775	----	408
10	Cat Creek	40	2,342	10,785	11,077	----	----	2,050
....	Chelsea Creek	----	207	----	----	110	97	----
....	Clark's Fork	----	11	----	----	----	----	11
....	Clark's Fork North	----	478	----	----	----	----	478
1	Clark's Fork South	1	899	706	855	----	----	750
1	Conrad South	2	----	416	416	----	----	----
2	Cow Creek	2	407	1,112	----	1,291	----	228
6	Cow Creek East	7	724	15,655	----	14,751	----	1,628
2	Culbertson	2	2,099	6,791	----	7,654	----	1,236
8	Cupton	10	8,043	10,525	10,607	404	----	7,557
128	Cut Bank	836	56,909	192,699	208,381	9,645	378	31,204
....	Dean Dome	----	553	----	----	----	----	553
1	Deer Creek	1	703	916	1,373	----	----	246
....	Delphia	----	88	----	----	----	----	88
....	Devil's Basin	----	464	----	----	----	----	464
2	Dwyer	10	3,857	9,754	8,907	----	----	4,704
3	Elk Basin	52	646	90,098	90,126	----	----	618
5	Elk Basin Northeast	9	1,722	3,714	3,283	----	----	2,163
4	Fairview	4	8,086	35,679	8,637	25,411	----	9,717
2	Fertile Prairie	2	885	828	----	1,195	----	518
3	Flat Coulee	19	2,416	10,622	10,721	----	----	2,317
27	Flat Lake	51	4,257	54,750	55,140	----	----	3,867
3	Flat Lake South	3	924	1,840	1,998	----	----	766
1	Ft. Gilbert	2	245	6,622	6,466	----	----	401
1	Four Mile Creek	1	----	2,927	2,342	----	----	585
1	Frannie	1	----	651	651	----	----	----
16	Fred & Gorge Creek	32	2,883	42,890	43,408	----	----	2,365
1	Froid South	1	677	495	----	399	----	773
1	Gage	1	163	82	----	188	----	57
3	Gas City	18	4,653	19,431	17,574	----	----	6,510
1	Girard	1	1,265	1,133	----	1,196	----	1,202
12	Glendive	15	3,233	20,605	22,088	----	----	1,750
13	Goose Lake	31	4,529	22,163	22,794	----	----	3,898
13	Graben Coulee	34	8,011	5,489	2,538	2,827	3	8,132
3	Gumbo Ridge	4	2,995	12,444	----	10,833	----	4,606
5	Gypsy Basin	7	1,521	1,527	----	615	----	2,434
1	Hay Creek-Mission Canyon	1	192	611	679	----	----	124
1	Hay Creek-Red River	1	368	2,076	2,024	----	----	420
1	Hibbard	1	608	414	----	582	----	440
4	Hiawatha	4	2,401	4,340	4,804	----	----	1,937
1	Howard Coulee	1	416	510	404	----	----	522
5	Ivanhoe	10	1,581	1,356	1,608	----	----	1,329
2	Jim Coulee	18	4,087	53,783	53,569	----	----	4,301
5	Keg Coulee	18	3,535	10,704	9,230	----	39	4,970
2	Keg Coulee North	2	767	2,294	2,078	----	----	983
1	Kelley	3	1,073	5,043	5,524	----	----	592
86	Kevin Sunburst	510	12,660	33,302	29,578	4,927	(3)	11,460
1	Laird Creek	11	1,278	2,281	----	2,379	----	1,180
2	Landslide Butte	2	1,100	273	----	1,018	----	355
3	Leary	3	2,009	3,674	----	3,368	14	2,301
2	Little Beaver	24	7	39,387	39,340	----	----	54
2	Little Beaver East	9	905	12,785	11,780	----	----	1,910
9	Little Wall Creek	10	3,774	32,588	32,304	----	----	4,058
1	Lodge Grass	1	362	737	----	675	----	424
2	Lone Butte	2	1,597	5,950	----	6,474	----	1,073
7	Lonetree Creek	7	4,955	14,114	----	13,697	----	5,372
3	Lookout Butte (Coral Creek)	29	478	47,766	48,043	----	----	201
2	Mason Lake	2	119	531	364	----	----	286
2	Melstone	3	656	1,034	1,076	----	----	614
1	Mineral Bench	1	357	181	384	----	----	154
....	Miners Coulee	----	----	(664)	----	(664)	----	----
7	Monarch	11	2,472	9,795	7,730	1,980	----	2,557
3	Mosser	3	----	513	----	513	----	----
1	Nohly	2	735	9,508	----	9,782	----	461
3	Otis Creek	3	2,118	2,873	----	3,577	----	1,414
5	Outlook	7	6,080	29,024	27,973	----	----	7,131
1	Outlook South	1	596	993	158	----	----	1,431
2	Outlook West	2	1,424	2,067	1,650	----	----	1,841
1	Pennel	111	----	221,456	221,456	----	----	----
4	Pine	113	18,122	196,602	197,281	----	----	17,443
63	Pondera	280	5,114	26,641	27,431	----	----	4,324
10	Poplar	63	9,893	40,849	42,364	----	----	8,378
3	Poplar Northwest	3	1,281	1,826	1,606	----	----	1,501
1	Prairie Elk	----	826	----	----	----	79	747
1	Pritchard Creek	4	225	35	260	----	----	----
2	Putnam	2	724	2,467	----	2,949	----	242
4	Rabbit Hills	4	1,431	5,235	----	4,883	----	1,783
11	Ragged Point	22	6,424	15,631	15,904	----	(4)	6,155
1	Rattlesnake Coulee	2	674	411	----	626	----	459
6	Raymond	7	2,328	19,039	19,255	----	----	2,112
2	Raymond Northeast	2	1,048	4,432	4,396	----	----	1,084
3	Reagan	53	890	11,066	11,127	----	----	829
1	Red Creek	19	----	10,119	10,119	----	----	----
1	Red Fox	1	327	550	660	----	----	217
1	Redstone	1	501	715	928	----	----	288
1	Repeat	1	800	1,009	----	1,609	----	200
3	Reserve	4	2,375	3,116	3,175	----	----	2,316
1	Richey	1	650	768	----	894	----	524
1	Richey Southwest	5	621	1,611	----	1,584	----	648
2	Riprap Coulee	2	1,096	2,499	2,368	----	157	1,070
3	Rosebud	4	1,722	7,653	7,881	----	----	1,494
1	Rush Mountain	1	637	1,880	1,779	----	----	738
2	Salt Lake	3	477	2,331	----	2,498	----	310
3	Sand Creek	4	500	3,117	2,909	----	----	708
3	Second Creek	3	969	6,012	----	6,244	----	737
1	Sheepherder	2	497	821	576	----	1	741
8	Sioux Pass	9	4,748	40,978	40,538	----	----	5,188
1	Snyder	3	778	479	----	199	----	1,058
8	Soap Creek	22	3,195	5,086	5,052	----	----	3,229
1	Spring Lake	2	1,086	1,465	----	1,597	----	954
3	Stensvad	8	2,184	7,457	7,679	----	----	1,962
25	Sumatra	97	26,044	175,538	176,276	----	382	24,924
5	Tule Creek	5	2,738	15,627	----	15,444	----	2,921
2	Tule Creek East	2	922	2,544	----	2,613	----	853
2	Tule Creek South	3	1,055	1,703	----	2,142	----	616
1	Vida	2	441	323	----	422	----	342
2	Volt	6	3,627	9,759	----	10,012	----	3,374
5	Wagon Box	1	325	34	----	298	----	71
3	Weldon	3	1,257	3,711	3,716	----	----	1,252
1	West Butte	1	----	1,068	----	1,068	----	----
26	Whitlash	56	8,051	19,342	18,783	----	----	8,610
....	Whitlash West	----	284	----	----	----	----	284
2	Willow Creek North	2	708	1,366	1,752	----	----	322
3	Wills Creek South	3	124	3,096	3,040	----	----	180
4	Winnett Junction	4	1,380	3,770	----	4,445	----	705
2	Wolf Springs	2	1,315	1,226	----	1,381	----	1,160
2	Woodrow	2	373	3,094	3,262	----	----	205
3	Wright Creek	5	910	752	----	----	----	1,662
....	Wildcat, Fallon Co.	----	51	----	----	----	----	51
....	Wildcat, Liberty County	----	47	----	----	----	----	47
....	Wildcat, McCone Co.	----	52	----	----	----	----	52
1	Wildcat, Roosevelt Co.	1	485	466	----	541	----	410
1	Wildcat, Rosebud County	1	488	3,977	----	3,368	----	1,097
761	TOTALS	3,247	361,166	2,774,611	2,586,025	222,805	1,143	325,804

*Montana oil only. **All production from Little Wall Creek South is included.

TRANSPORTERS REPORT—MONTH OF DECEMBER, 1975

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			966				966		
BEAR'S DEN—Truck			463				463		
BELL CREEK—Continental Pipeline	27,075			722,592			469,118	245,452	35,097
BIG WALL—Continental Pipeline Co.		5,561				5,561			
BLACKFOOT—Phillips Petroleum Co.		2,623						2,623	
BORDER—Permian Corp.			1,163					1,163	
BOWES—Texaco		10,568					10,568		
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—Koch Oil Co.			15,952					15,952	
BRUSH LAKE—Portal Pipeline Co.		9,486					9,486		
BURNS CREEK—Western Crude Oil, Inc.			1,428				1,428		
CABIN CREEK & OTHERS[1]—									
Butte Pipeline Co.	272,783	366,491	25,852	1,288,614			1,701,593		252,147
Shell Pipeline Co.	6,177	39,974			528			42,430	3,193
	278,960	406,465	25,852	1,288,614	528		1,701,593	42,430	255,340
CANAL—Koch Oil Co.			1,775				1,775		
CAT CREEK—Continental Pipeline Co.		10,532				10,532			
CHELSEA CREEK—Western Crude Oil Inc.			110				110		
COW CREEK & COW CREEK EAST—Western Crude Oil, Inc.			16,042				16,042		
CUT BANK—									
Continental Pipeline Co.		313,457	10,838					324,295	
Phillips Petroleum Co.	60,146	73,441		101,127	2,228	179,017			53,469
Texas Pipeline Co.	16,610	22,514		81,649		106,155			14,618
Union Oil Co.	33,688	39,684			571	43,916			28,885
Western Oil Trans. Co.		46,510				46,510			
Western Oil Trans. Co. (Moulton)		77,131				77,131			
	110,444	572,737	10,838	182,776	2,799	452,729		324,295	96,972
DWYER—Portal Pipeline Co.		8,907					8,907		
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		92,986				92,986			
FAIRVIEW—									
Fairview Pipeline Co.		8,637					8,637		
Koch Oil Co.			25,411				25,411		
		8,637	25,411				34,048		
FLAT COULEE—Phillips Petroleum Co.		10,369				10,369			
FLAT LAKE & FLAT LAKE SOUTH—Portal Pipeline Co.		54,078					54,078		
FT. GILBERT—Fairview Pipeline Co.		6,466					6,466		
FRANNIE—Interstate Pipeline Co.		651					651		
FRED & GEORGE CREEK—Phillips Petroleum Co.	19,146	42,659			1,317	42,836			17,652
GAGE—Truck			188			188			
GIRARD—Koch Oil Co.			1,196				1,196		
GLENDIVE, DEER CREEK, WOOD-ROW & SAND CREEK—Texas Pipeline Co.	3,532	21,533						21,585	3,480
GOOSE LAKE—Portal Pipeline Co.		20,938					20,938		
GUMBO RIDGE—Permian Corp.			10,833					10,833	
HAY CREEK—Fairview Pipeline Co.		2,703					2,703		
HIAWATHA—Continental Pipeline Co.		4,804					4,804		
IVANHOE—Continental Pipeline Co.		2,608				2,608			
JIM COULEE—Continental Pipeline Co.		53,569						53,569	
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		11,308				11,308			
KELLY—Continental Pipeline Co.		5,524				5,524			
KEVIN SUNBURST—									
Big West Oil Co.	6,317	16,119				17,861			4,575
Homestake Oil & Gas Co.	1,408	2,707				1,880			2,235
Texas Pipeline Co.	12,654	8,812				5,493			15,973
Northern Montana Oil Service	1,494	16,186				16,073			1,607
	21,873	43,824				41,307			24,390
LEARY—Permian Corp.			3,368				3,368		
LODGE GRASS—Permian Corp.			675			675			
LONE TREE CREEK—Koch Oil Co.			13,697					13,697	
MASON LAKE—Continental Pipeline Co.		364				364			
MELSTONE—Continental Pipeline Co.		1,076				1,076			
MIDDLE WALL—Continental Pipeline Co.[2]		17,639					17,639		
MOSSER—Permian Corp.			513				513		
NOHLY—Koch Oil Co.			9,782				9,782		
OTIS CREEK—Western Crude Oil Co.			3,577				3,577		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—Portal Pipeline Co.		29,781						29,781	
PONDERA—Phillips Petroleum Co.	24,951	28,563			258	18,203			35,053
POPLAR, RED FOX, REDSTONE—East Poplar Gathering System	13,508	47,185			541			27,907[3]	32,245
PUTNAM—Western Crude Oil Co.			2,949				2,949		
RABBIT HILLS—Koch Oil Co.			4,883				4,883		
RAGGED POINT—Continental Pipeline Co.		15,904				13,098	2,806		
RAYMOND—Portal Pipeline Co.		23,650					23,650		
RED CREEK—Western Oil Transportation Co.		14,738						14,738	
RESERVE—Portal Pipeline Co.		3,175					3,175		
RIPRAP COULEE—Portal Pipeline Co.		2,368						2,368	
ROSEBUD—Continental Pipeline Co.		7,881				7,881			
RUSH MOUNTAIN—Sinclair Ref. Co.		1,779					1,779		
SALT LAKE—Koch Oil Co.			2,498				2,498		
SECOND CREEK—Koch Oil Co.			6,244				6,244		
SHEEPHERDER—Continental Pipeline Co.		576						576	
SIOUX PASS—Continental Pipeline Co.		40,538					40,538		
SNYDER—Permian Corp.			199			199			
SPRING LAKE—Koch Oil Co.			1,597				1,597		
SUMATRA & STENSVAD—Continental Pipeline Co.	728,444	199,392		2,021,227	207	156,674		1,957,562	834,620
TULE CREEK, BENRUD, VOLT & OTHERS[4]—Tesoro Petroleum	4,822		50,573			51,121			4,274
WAGON BOX—Truck			298				298		
WHITLASH & WHITLASH WEST—Phillips Petroleum Co.		18,783				18,783			
WINNETT JUNCTION—Truck			4,445			4,445			
WOLF SPRINGS—Permian Corp.			1,381			1,381			
WILDCAT WELLS—Truck			3,909					3,909	
TOTAL	1,232,755	1,862,928	222,805	4,215,209	5,650	949,848	2,470,636	2,768,440	1,339,123

[1]Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Vida, Weldon and Wills Creek South.
[2]Little Wall Creek and Willow Creek North.
[3]Transferred to Butte Pipeline Co.
[4]Benrud, Benrud East, Benrud Northeast, Culbertson, Froid, Four Buttes, Tule Creek, Tule Creek East, Richey Southwest and Volt.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF DECEMBER, 1975

	Big West Oil Co.	Continental Oil Co.	Exxon Co.	Farmers Union	Phillips Petr. Co.	Tesoro Petr. Co.	Westco Refining Co.	Total
Big Wall		5,561						5,561
Cat Creek		2,797		7,941				10,738
Cut Bank	31,901				97,621		98,026	227,548
Elk Basin		37,366	28,804	26,816				92,986
Flat Coulee							10,369	10,369
Fred and George Creek	42,836							42,836
Ivanhoe		2,608						2,608
Keg Coulee		8,665	876	1,767				11,308
Kelley			5,524					5,524
Kevin Sunburst	41,307							41,307
Lodge Grass		675						675
Mason Lake		364						364
Melstone				1,076				1,076
Pondera					38,558			38,558
Ragged Point		13,098						13,098
Rosebud		7,881						7,881
Richey Southwest						2,004		2,004
Snyder		199						199
Sumatra and Stensvad		67,402	34,488	81,593				183,483
Tule Creek and Others						45,242		45,242
Whitlash					6,759			6,759
Winnett Junction				4,445				4,445
Wolf Springs			1,381					1,381
Volt						17,148		17,148
TOTAL Montana Oil	116,044	146,616	71,073	123,638	142,938	64,394	108,395	773,098
Canadian Oil Imported		667,871	465,062	378,262	52,552			1,563,747
Wyoming Oil Imported		557,965	782,957	268,923				1,609,845
TOTAL Montana, Canadian and Wyoming Oil	116,044	1,372,452	1,319,092	770,823	195,490	64,394	108,395	3,946,690

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year: 1974	25,537	44,487	61,627	131,651
December, 1974	26,690	53,661	55,940	136,291
December, 1975	24,939	50,443	51,931	127,313

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
19.40%	33.79%	46.81%
19.58%	39.37%	41.05%
19.59%	39.62%	40.79%

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1974	34,553,962	94,668	34,265,502	93,878
First Quarter, 1975	8,169,636	90,774	7,913,410	87,927
Second Quarter, 1975	8,150,516	89,566	8,171,304	89,795
Third Quarter, 1975	8,276,620	89,963	8,257,064	89,751
October, 1975	2,778,522	89,630	2,784,186	89,812
November, 1975	2,693,653	89,788	2,666,998	88,900
December, 1975	2,774,611	89,504	2,808,830	90,607

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage**
September, 1975	343,556	1,296,846	1,040,834	2,681,236
October, 1975	335,834	1,312,271	1,102,136	2,750,241
November, 1975	361,166	1,232,755	767,993	2,361,914
December, 1975	325,804	1,339,123	1,000,787	2,665,714

*Montana Oil only **Includes Wyoming Oil